DEPARTMENT OF THE AIR FORCE
HQ 6920th Electronic Security Group (ESC)
APO San Francisco 96210

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6920 ESG REGULATION 200-2

MISAWA SIGINT

12 July 1982

Intelligence

AN/FLR-9 ANTENNA CONTINGENCY PROGRAM (U)

(U) This regulation prescribes procedures for an effective AN/FLR-9 Antenna Contingency Program. It applies to the 6920th Electronic Security Group (ESC) Operations Division (DO), Logistics (LG), United States Army Field Station (USAFS), Misawa, and Naval Security Group Activity (NSGA), Misawa.

1. (U) Policy. To ensure that a FLR-9 beam allocation system is available if the RFD Matrix Switching System fails.

2. (U) Procedures. The operations management branch of each service cryptologic element (ESG, USAFS, and NSGA) will develop an effective AN/FLR-9 Antenna Contingency Program for their service. In order to fulfill this, the following is required:

a. (U) USAFS and NSGA will give 6920 ESG/DOO a current contingency allocation list on the first day of each quarter. This list, in priority order, will consist of the maintenance position number and at least one antenna (beam) for each position (see attachment 1).

NOTE: If the number of beam changes are small, review the current list and changes annotated on it instead of providing a new list.

b. (U) DOO will consolidate and prioritize the list and send it to AN/FLR-9 Maintenance (LGMMF) with copies from USAFS and NSGA.

c. (U) DOO will also provide a copy of each list to the senior shift supervisor. When the plan is implemented, the senior shift supervisor on duty may make "on-the-spot" deviations from the list (assign beams) as it fits the reporting or mission collection situation. Mission requirements may require more changes after the plan is put in effect.

d. (U) Each senior shift supervisor on duty must coordinate with LGMMF personnel if failure of the antenna system occurs during nonduty hours.

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3. (U) Scheduled Radio Frequency Distribution (RFD) Matrix Switch Outage:

a. (U) DOO will:

(1) (U) Provide the flight on duty with worksheets so that supervisors can update antenna requirements.

(2) (U) Coordinate with NSGA and USAFS to validate antenna patch requirements.

(3) (U) Compile all inputs into an updated contingency patch listing.

(4) (U) Provide LGMMF with the updated list at least 5 hours before the scheduled downtime.

b. (U) Flight supervisors will:

(1) (U) Identify projected antenna requirements when requested by DOO.

(2) (U) Refrain from making spot changes until LGMMF completes the initial patch.

c. (U) LGMMF will:

(1) (U) Begin cable sorting and multicoupler identification no later than 5 hours before the scheduled downtime.

(2) (U) Begin antenna hard-patching no later than 4 hours before the scheduled downtime.

(3) (U) Patch at least two antennas to each collection position before the antenna RF switch is pulled.

FOR THE COMMANDER

HEADQUARTERS ★ 6920th ELECTRONIC SCTY GP ★ OFFICIAL

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1. AN/FLR-9 Contingency Patch Plan Example (C-CCO)
2. RFD Matrix Switching System (C)

SUMMARY OF CHANGES:
(U) Changed squadron to group, added procedures for scheduled RFD Matrix Switch Outage, updated Contingency Patch Plan example, updated RFD Matrix Switch description, and added distribution.